

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002447.D
 Acq On : 11 Jun 2018 17:08
 Operator : JC/MD
 Sample : J3406-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW621-180605

Quant Time: Jun 12 02:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

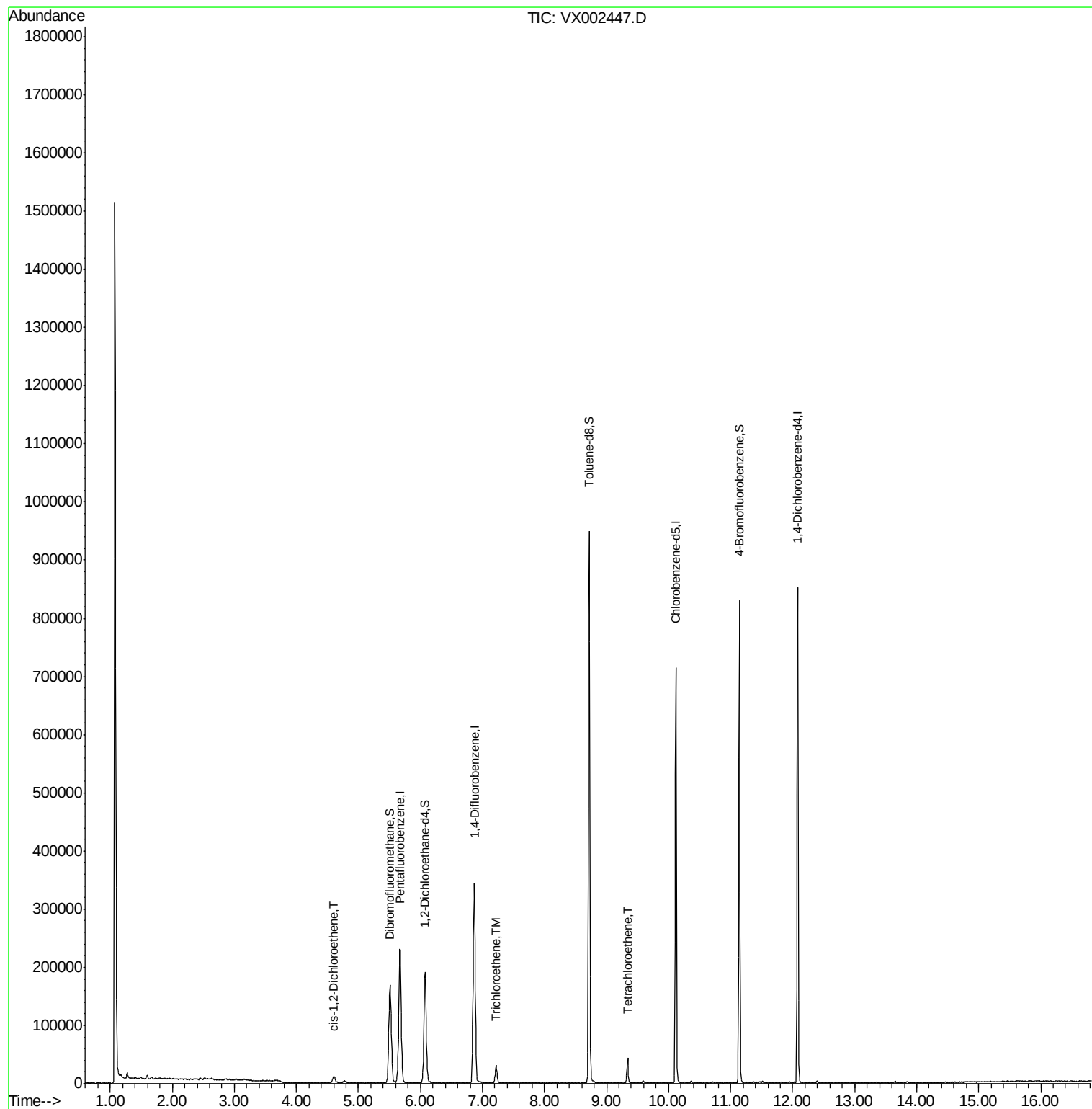
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181462	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	5.51	113	136256	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	8.72	98	535855	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	11.14	95	189984	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6995	2.41	ug/l	96
44) Trichloroethene	7.22	130	11166	3.72	ug/l	93
64) Tetrachloroethene	9.34	164	7995	2.50	ug/l	81

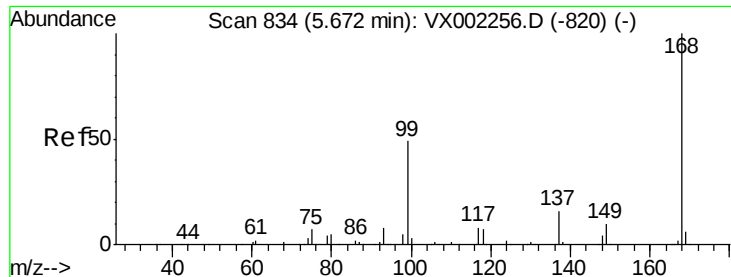
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

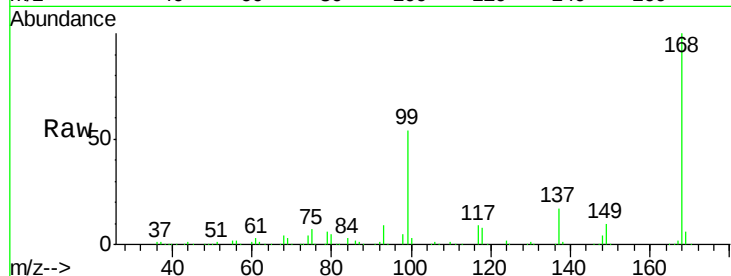
SS050MW621-180605

Tot Ion:168 Resp: 227700

Ion Ratio Lower Upper

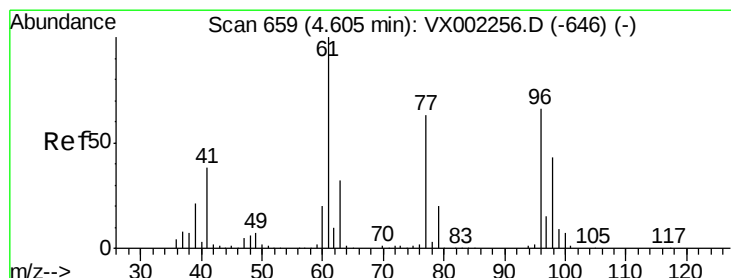
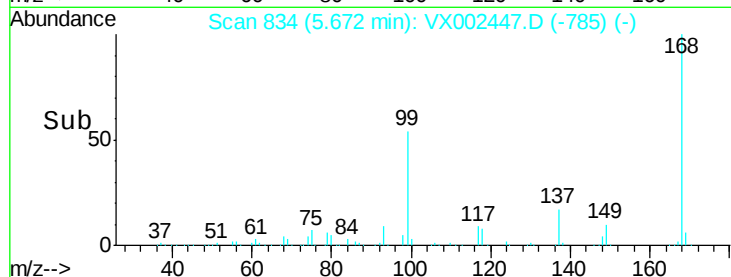
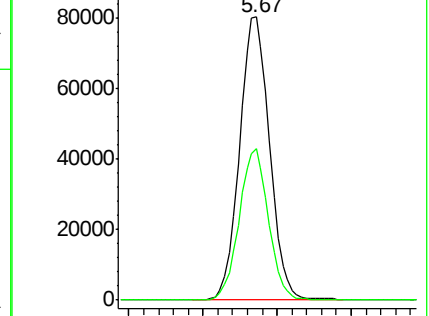
168 100

99 53.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.41 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

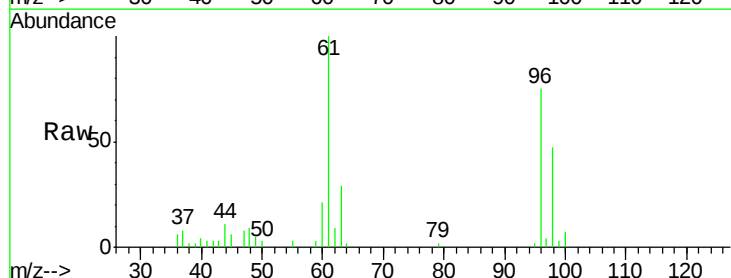
Tgt Ion: 96 Resp: 6995

Ion Ratio Lower Upper

96 100

61 160.9 0.0 330.2

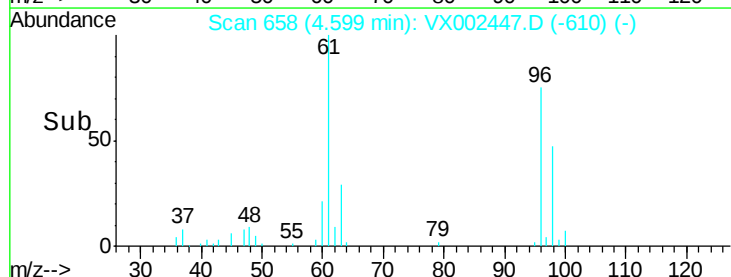
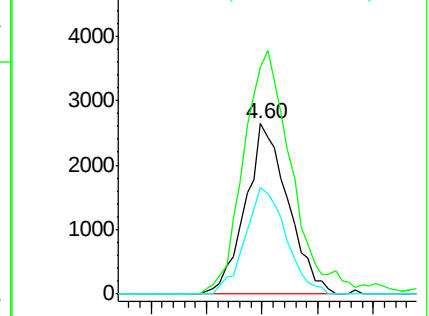
98 60.4 0.0 130.2

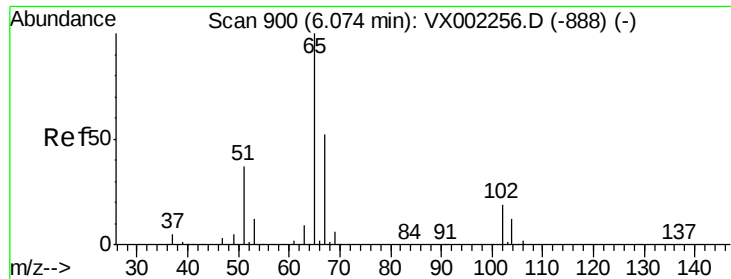


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

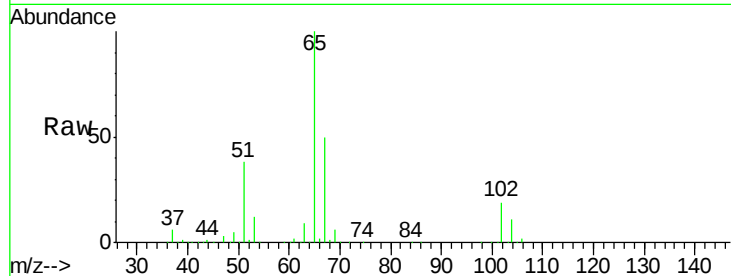
SS050MW621-180605

Tot Ion: 65 Resp: 181462

Ion Ratio Lower Upper

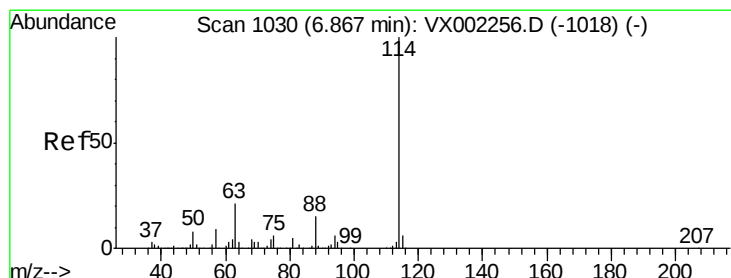
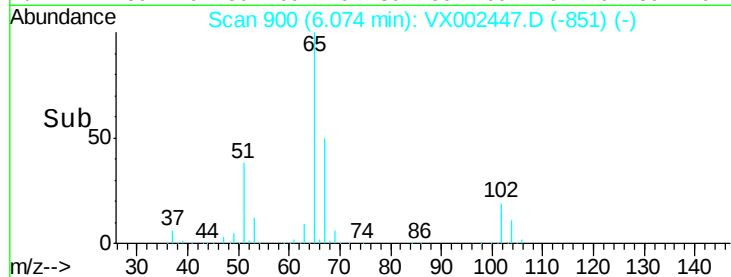
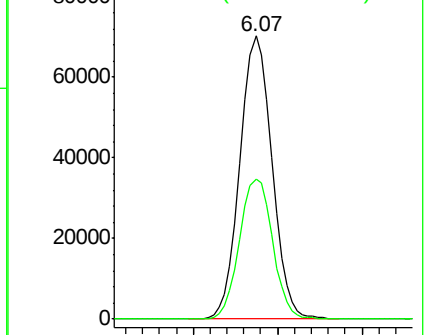
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

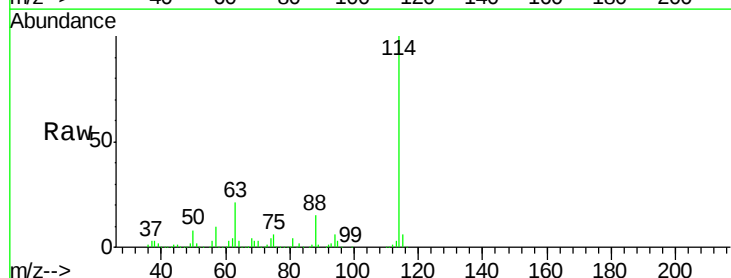
Tgt Ion: 114 Resp: 335334

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

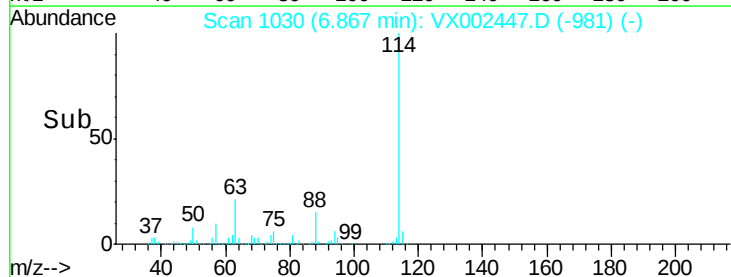
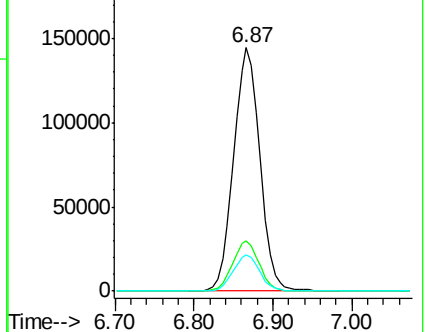
88 15.1 0.0 30.0

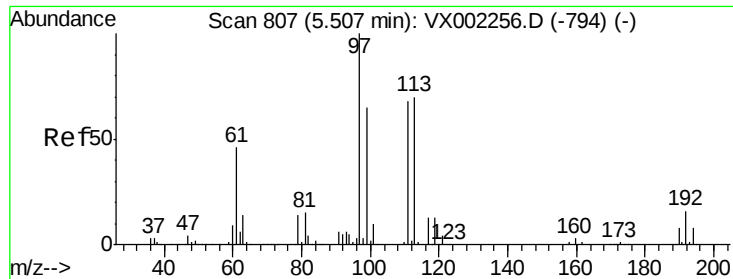


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

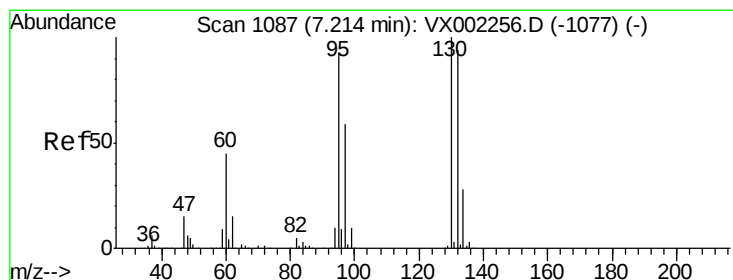
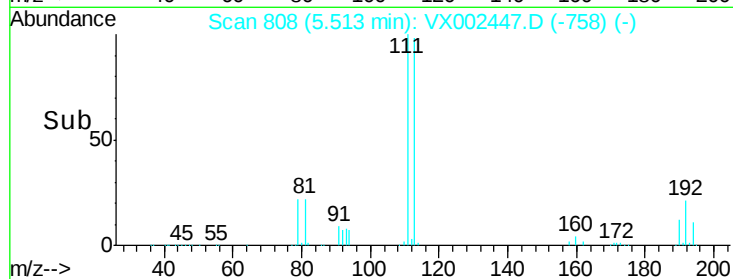
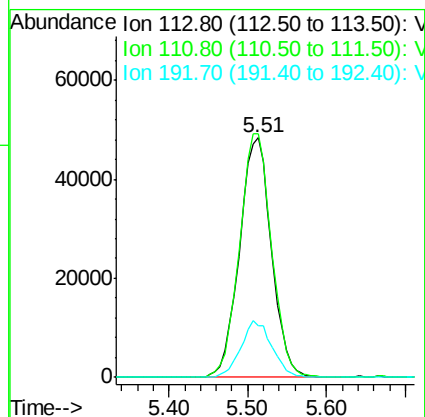
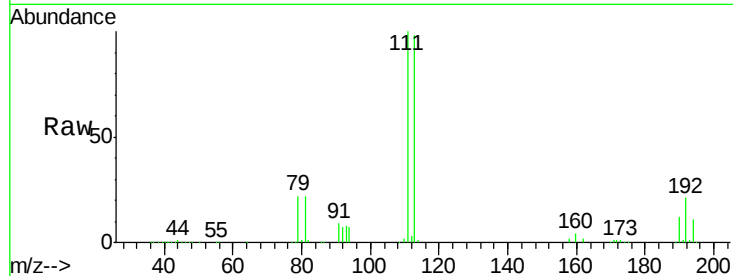




#35
 Dibromofluoromethane
 Concen: 51.67 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002447.D
 Acq: 11 Jun 2018 17:08

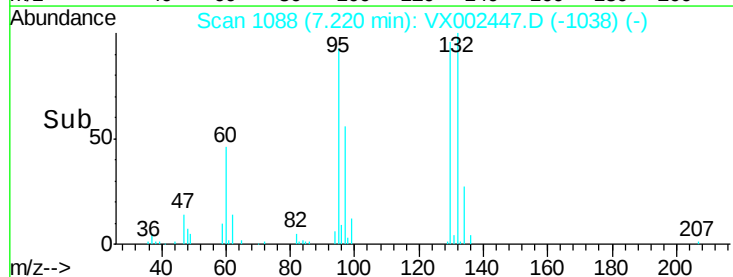
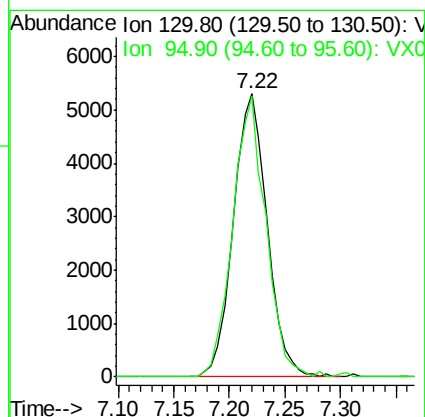
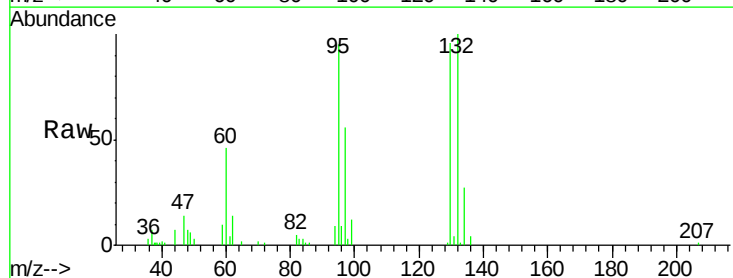
Instrument :
 MSVOA_X
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 SS050MW621-180605

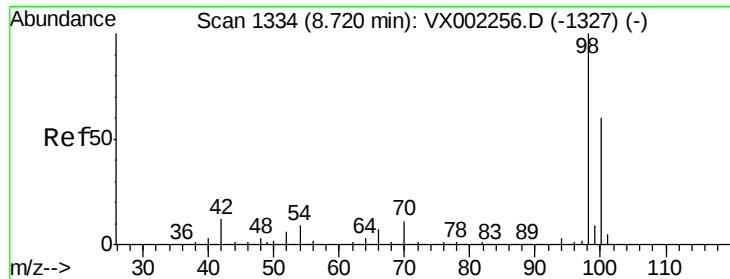
Tot Ion:113 Resp: 136256
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 22.9 19.1 28.7



#44
 Trichloroethene
 Concen: 3.72 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002447.D
 Acq: 11 Jun 2018 17:08

Tgt Ion:130 Resp: 11166
 Ion Ratio Lower Upper
 130 100
 95 99.1 0.0 185.4





#50

Toluene-d8

Concen: 53.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

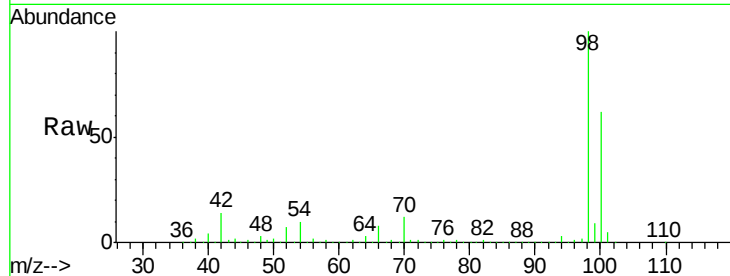
SS050MW621-180605

Tot Ion: 98 Resp: 535855

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

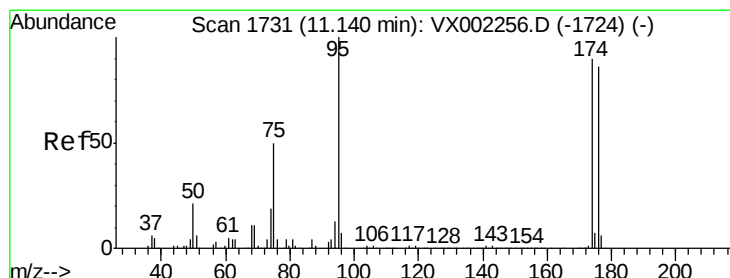
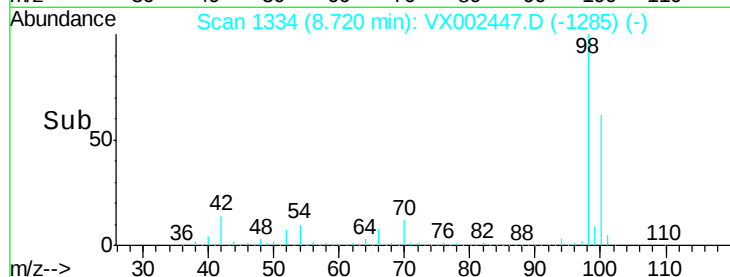
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002447.D

Acq: 11 Jun 2018 17:08

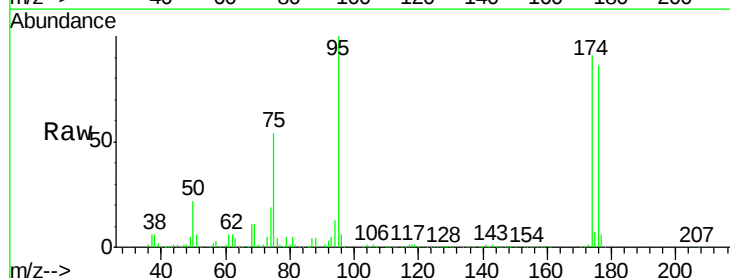
Tgt Ion: 95 Resp: 189984

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.4

176 90.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

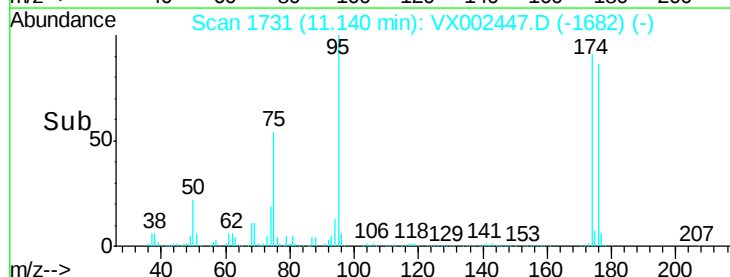
150000

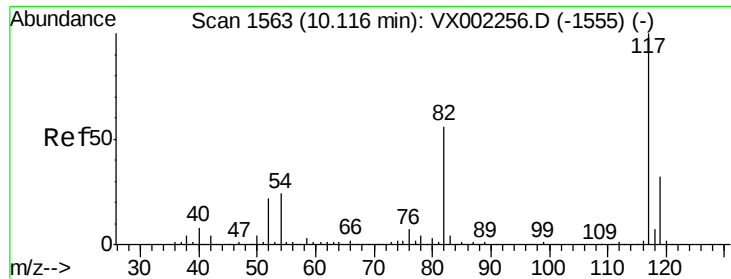
100000

50000

0

Time--> 11.10 11.20

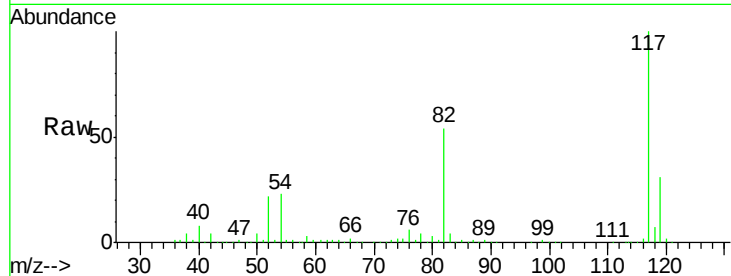




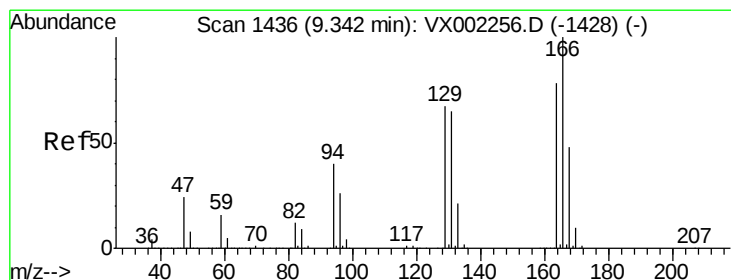
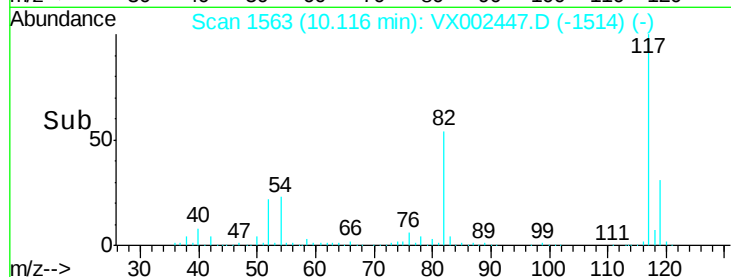
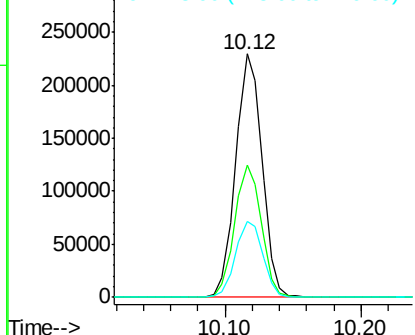
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002447.D
Acq: 11 Jun 2018 17:08

Instrument :
MSVOA_X
ClientSampleId :
SS050MW621-180605

Tot Ion:117 Resp: 310354
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.4 25.8 38.6



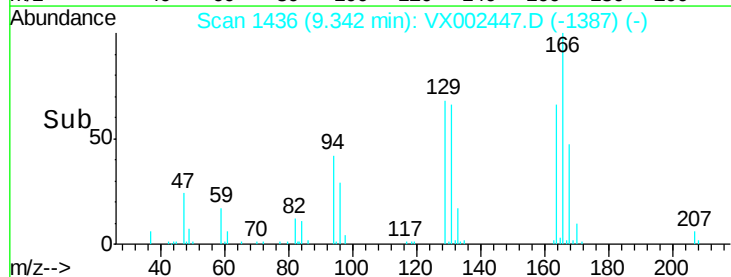
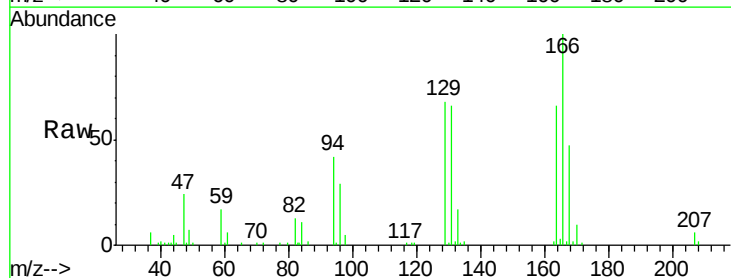
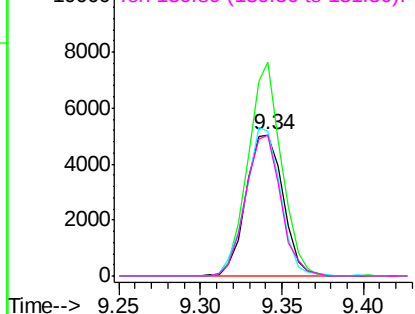
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

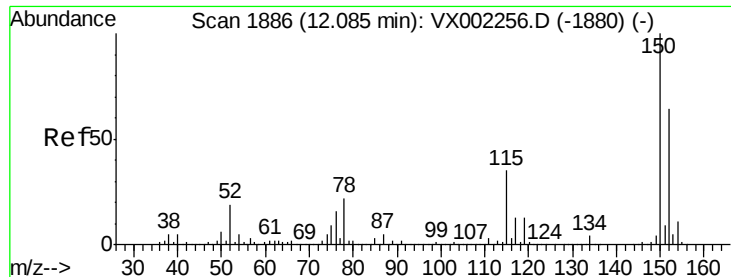


#64
Tetrachloroethene
Concen: 2.50 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002447.D
Acq: 11 Jun 2018 17:08

Tgt Ion:164 Resp: 7995
Ion Ratio Lower Upper
164 100
166 151.2 102.9 154.3
129 102.7 68.6 102.8
131 99.8 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

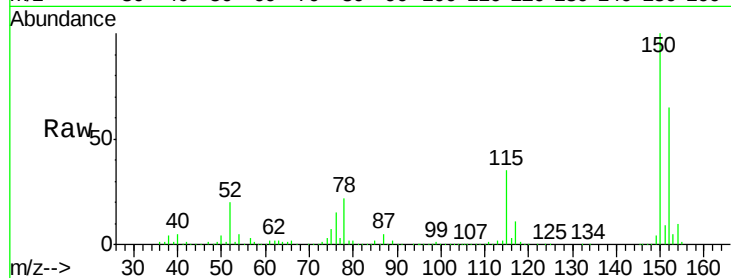




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002447.D
 Acq: 11 Jun 2018 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW621-180605

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.1	120.2
150	156.1	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

